

Converting Colors

$Yxy(57.6902, 0.2700, 0.3075)$

Have a look what the booklet for
Yxy(57.6902, 0.2700, 0.3075)
contains.

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Color

Yxy(57.6888, 0.2705, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	A2CFE0
RGB	162, 207, 224
RGB Percent	64%, 81%, 88%
CMY	0.3644, 0.1883, 0.1215
CMYK	0.28, 0.08, 0.00, 0.12
HSL	196°, 50%, 76%
HSV	196°, 28%, 88%
XYZ	50.6815, 57.6888, 78.9919
YIQ	195.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

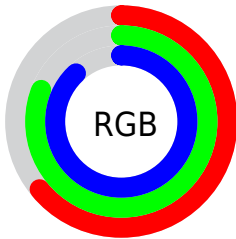
Format	Color
R _Y B	162, 188, 224
Decimal	10670048
CIE Lab	80.57, -10.78, -13.22
CIE LCh	81, 17.054, 230.805
Yxy	57.6888, 0.2705, 0.3079
Android (android.graphics.Color)	4288860128 (0xFFA2CFE0)
YUV	195.4830, 14.0589, -29.3646
Hunter-Lab	75.9531, -13.8098, -8.4949

Details

The Yxy color **57.6888, 0.2705, 0.3079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7468, 0.3675, 0.3491**, and the grayscale version is **54.8161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **28.8982, 0.2601, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **52.6224, 0.2561, 0.2990**, and if you desaturate by 10%, it is **63.2942, 0.2856, 0.3162**.

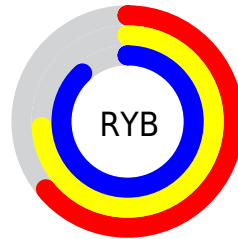
Distribution



Red (64%)

Green (81%)

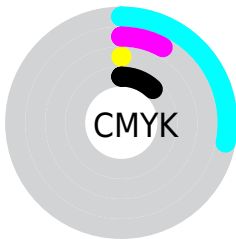
Blue (88%)



Red (64%)

Yellow (74%)

Blue (88%)

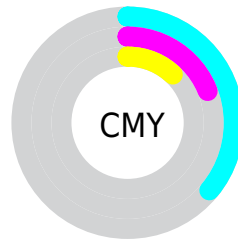


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6888, 0.2705, 0.3079 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.6888, 0.2705, 0.3079 by changing the saturation by 10% instead.

■ 57.6888, 0.2705,
0.3079

■ 57.6888, 0.2705,
0.3079

■ 416.0253, 0.2906,
0.3183

■ 41.5585, 0.2658,
0.3053

■ 101.4695, 0.2776,
0.3117

■ 28.7558, 0.2599,
0.3021

■ 129.8888, 0.2803,
0.3131

■ 18.8961, 0.2524,
0.2979

■ 163.1731, 0.2826,
0.3143

■ 11.5952, 0.2424,
0.2920

■ 201.7070, 0.2846,
0.3153

■ 6.4687, 0.2285,
0.2837

■ 245.8747, 0.2864,
0.3162

■ 3.1321, 0.2079,
0.2706

■ 296.0608, 0.2879,

■ 1.2011, 0.1751,

0.3170

0.2478

352.6495, 0.2893,
0.3177

0.0626, 0.0000,
0.0593

0.0000, 0.0000,
0.0000

57.6888, 0.2705,
0.3079

57.6888, 0.2705,
0.3079

52.6224, 0.2561,
0.2990

63.2942, 0.2856,
0.3162

48.0646, 0.2426,
0.2895

69.4534, 0.3009,
0.3237

43.9922, 0.2304,
0.2796

76.1894, 0.3163,
0.3305

40.3769, 0.2199,
0.2693

83.5212, 0.3315,
0.3367

■ 37.1868, 0.2112,
0.2589

■ 87.6645, 0.3331,
0.3427

■ 34.3847, 0.2046,
0.2485

■ 91.3085, 0.3323,
0.3486

■ 31.9203, 0.1998,
0.2383

■ 95.0763, 0.3315,
0.3545

■ 31.3701, 0.1989,
0.2358

■ 98.1624, 0.3309,
0.3591

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.6888, 0.2765, 0.3271



57.6888, 0.2705, 0.3079



57.6888, 0.2753, 0.2954

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.6888, 0.2705, 0.3079



57.6888, 0.3331, 0.3112



57.6888, 0.3351, 0.3684

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.6888, 0.2705, 0.3079



50.7468, 0.3675, 0.3491

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.6888, 0.3512, 0.3623



57.6888, 0.2705, 0.3079



57.6888, 0.3502, 0.3291

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.6888, 0.2705, 0.3079



57.6888, 0.3109, 0.2978



57.6888, 0.3569, 0.3477



57.6888, 0.3133, 0.3632

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.6888, 0.2705, 0.3079



57.6888, 0.2840, 0.2920



57.6888, 0.3569, 0.3477



57.6888, 0.3413, 0.3675

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.6911, 0.2705, 0.3079



92.8073, 0.3003, 0.3234



64.2464, 0.2990, 0.3867



19.5871, 0.2980, 0.3223



0.0000, 0.0000, 0.0000



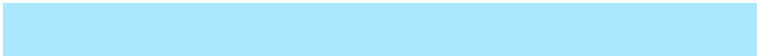
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.6911, 0.2705, 0.3079



73.4966, 0.2623, 0.3030



44.3344, 0.2665, 0.2685



14.9017, 0.2982, 0.3224



18.4591, 0.1993, 0.2374



1.4267, 0.2037, 0.2532

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.2248, 0.3305, 0.2781



56.1475, 0.3351, 0.2676



64.3382, 0.3584, 0.3829



13.8680, 0.3180, 0.3122



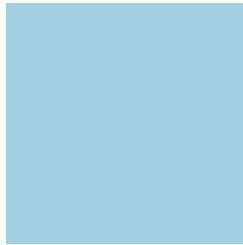
10.7715, 0.4049, 0.2004



0.7615, 0.3890, 0.1917

Previews

White Background



This preview shows how the Yxy color 57.6888, 0.2705, 0.3079 looks on a white background.

Color Contrast Check

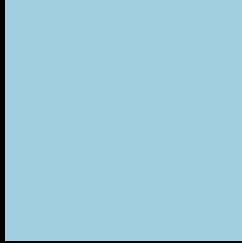
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.6888, 0.2705, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6888, 0.2705, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 57.6888, 0.2705, 0.3079.



This preview shows how white text looks on a background with the Yxy color 57.6888, 0.2705, 0.3079.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.6888, 0.2705, 0.3079

Protanopia

57.3204, 0.2978, 0.3055

Deuteranopia

57.2514, 0.2983, 0.2914



Tritanopia

57.6888, 0.2705, 0.3079

Trichromacy



Original Color

57.6888, 0.2705, 0.3079

Protanomaly

57.1309, 0.2871, 0.3061

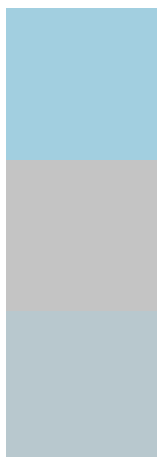
Deuteranomaly

57.2850, 0.2873, 0.2972

Tritanomaly

57.6888, 0.2705, 0.3079

Monochromacy



Original Color

57.6888, 0.2705, 0.3079

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9551, 0.2963, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6888, 0.2705, 0.3079 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(162, 207, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 207, 224) }
```

Border

The CSS property to change the border of an element to Yxy 57.6888, 0.2705, 0.3079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 207, 224) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(162, 207, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(162, 207, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(162, 207,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6888, 0.2705, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 207, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
207, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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